



दूरसंचार विभाग, भारत सरकार

DEPARTMENT OF TELECOMMUNICATIONS, GOVERNMENT OF INDIA

दूरसंचार अभियांत्रिकी केंद्र

TELECOMMUNICATION ENGINEERING CENTRE

CERTIFICATE OF MANDATORY CONFORMANCE

This is to certify that the product described below conforms to the Essential Requirement issued by TEC under Mandatory Testing and Certification of Telecom Equipment as notified vide Indian Telegraph (Amendment) Rules, 2017.

i.	*Certificate No.: 700202788	ii.	Dated: 21-Nov-2024
iii.	Certificate Category: Provisional	iv.	Certificate Type: NEW
v.	APPLICANT: Balaji Wire Technology, Godown No 1 and 2 House 346A Survey No 212 Opp Mahavir Logiplex Amane Bhiwandi Maharashtra 421302	vi.	ORIGINAL EQUIPMENT MANUFACTURER: Balaji Wire Technology, Godown No 1 and 2 House 346A Survey No 212 Opp Mahavir Logiplex Amane Bhiwandi Maharashtra 421302
vii.	PRODUCT NAME: Optical Fibre Cable	viii.	PRODUCT VARIANT: Optical Fibre Cable - Duct
ix.	PREVIOUS CERTIFICATE NO.: NA	x.	PREVIOUS CERTIFICATE ISSUED DATE: NA
xi.	MODEL NO.: BWT/12F	xii.	FAMILY NAME: NA
xiii.	ASSOCIATED MODEL NO.: As given at Table-1 overleaf	xiv.	INTERFACES TESTED: NA
xv.	SOFTWARE VERSION: NA	xvi.	HARDWARE VERSION: NA
xvii.	VALID FROM: 21-Nov-2024	xviii.	VALID UPTO: 20-Nov-2026
xix.	ER NO.: TEC70022401	DIRECTOR (TC-1) K L Bhawan, Janpath, New Delhi - 110001	
xx.	EMI / EMC CLASS: A		
xxi.	QR CODE: 		

Note:

- *1. This certificate is valid for product(s) manufactured in India only, as per the details at Table-3.*
- 2. This certificate is issued for model/family name indicated at (xi) above and applicable for associated/ family model(s) mentioned at Table-1, overleaf only.*
- 3. Bill of Material covered under this certificate is given at Table-4.*
- 4. Terms & Conditions mentioned at MTCTE portal (<https://www.mtcte.tec.gov.in/>) shall be applicable.*

Table-1

List of Associated/Family Models	
i.	BWT/6F
ii.	BWT/4F
iii.	BWT/2F



Table-2

List of Interfaces Tested



Table-3

List of manufacturing locations (as declared by the applicant) for which this certificate (No. 700202788) is valid:								
S. No.	Product Model number	Contract Manufacturing	Manufacturing Location Address	Contact Person Name (Plant Incharge)	E-mail-ID	Contact number	*Country Of Origin	**Country of Manufacturing
1	BWT/12F	No	Balaji Wire Technology Godown No 1 and 2 House 346A Survey No 212 Opp Mahavir Logiplex Amane Village Bhiwandi Maharashtra 421302	Shailesh Vishwakarma	balajiwire.tech@gmail.com	9920411720	India	India
2	BWT/6F	No	Balaji Wire Technology Godown No 1 and 2 House 346A Survey No 212 Opp Mahavir Logiplex Amane Village Bhiwandi Maharashtra 421302	Shailesh Vishwakarma	balajiwire.tech@gmail.com	9920411720	India	India
3	BWT/4F	No	Balaji Wire Technology Godown No 1 and 2 House 346A Survey No 212 Opp Mahavir Logiplex Amane Village Bhiwandi Maharashtra 421302	Shailesh Vishwakarma	balajiwire.tech@gmail.com	9920411720	India	India
4	BWT/2F	No	Balaji Wire Technology Godown No 1 and 2 House 346A Survey No 212 Opp Mahavir Logiplex Amane Village Bhiwandi Maharashtra 421302	Shailesh Vishwakarma	balajiwire.tech@gmail.com	9920411720	India	India

Note: *1. Country of Origin is as per the criteria defined under Custom Rules.

**2. Country of Manufacturing refers to the place where the Telecom product under certification against product model number given above is manufactured/assembled as complete unit only.

Table-4

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)										
Module Name/Attribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model	Module present in Associated model-1	Module present in Associated model-2	Module present in Associated model-3
Module No.							BWT/12F	BWT/6F	BWT/4F	BWT/2F
Type of Cable		NA	NA			12F Unarmoured Optical Fiber Cable 06F Unarmoured Optical Fiber Cable 04F Unarmoured Optical Fiber Cable 02F Unarmoured Optical Fiber Cable	Y	Y	Y	Y
Type of Fibre						Single mode G.652D,G6	Y	Y	Y	Y

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

Module Name/Attribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model	Module present in Associated model-1	Module present in Associated model-2	Module present in Associated model-3
						57 A1 & G657 A2				
Number of Fibres in Cable						Main Model - 12F Associated Model 1- 06F Associated Model 2- 04F Associated Model 3- 02F	Y	Y	Y	Y
Number of loose tubes used						Main Model - One Associated Model 1 - One Associated Model 2 - One Associated	Y	Y	Y	Y

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

Module Name/Attribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model	Module present in Associated model-1	Module present in Associated model-2	Module present in Associated model-3
						Model 3 - One				
Thickness of outer jacket/ sheath						Main Model -Upto 3.0 mm Associated Model 1- Upto 3.0 mm Associated Model 2- Upto 3.0 mm Associated Model 3- Upto 3.0 mm	Y	Y	Y	Y
Type of Marking on cable and the colour of the						Main Model - White Colour Embossed Printing	Y	Y	Y	Y

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

Module Name/Attribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model	Module present in Associated model-1	Module present in Associated model-2	Module present in Associated model-3
marking						Associated Model 1- White Colour Embossed Printing Associated Model 2- White Colour Embossed Printing Associated Model 3- White Colour Embossed Printing				
Cable diameter in mm						Main Model - Upto 6.50 mm Associated	Y	Y	Y	Y

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

Module Name/Attribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model	Module present in Associated model-1	Module present in Associated model-2	Module present in Associated model-3
						Model 1- Upto 6.50 mm Associated Model 2- Upto 6.50 mm Associated Model 3- Upto 6.50 mm				
Cable weight in kg/km						Main Model - Upto 35 kg/km Associated Model 1- Upto 35 kg/km Associated Model 2- Upto 35 kg/km	Y	Y	Y	Y

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

Module Name/Attribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model	Module present in Associated model-1	Module present in Associated model-2	Module present in Associated model-3
						Associated Model 3- Upto 35 kg/km				
FRP Diameter						Main Model - Upto 1 mm Associated Model 1- Upto 1 mm Associated Model 2- Upto 1 mm Associated Model 3- Upto 1 mm	Y	Y	Y	Y

*** End of the certificate***